

Name: _____

Parent Signature _____

Planetary Forecaster
LS1 – Study Guide



1. Describe what happens to temperature when kinetic energy increases. When it decreases.

2. Define temperature and how it is measured:

3. Surface temperature:

4. Draw a picture that would demonstrate conduction and then explain what conduction is.

5. We created a _____ by painting on the My World program, this helped us compare information by looking at a picture.

6. Make a prediction about how you think you will do on the test this Friday. Why is it a prediction and not a statement of fact?

7. If the daily high was 78 and the daily low was 56, what was the average daily temperature? Write how you found the answer.
8. Describe how you would find average monthly temperature.
9. What is air made of?
10. What is the relationship between climate and temperature?
11. Choose 3 factors from the following list and explain how/why they affect Earth's surface temperatures. Altitude, location to bodies of water, tilt of the Earth, distance from the Equator or the poles, hours of sunlight.
12. Describe why Franklin, WI is considered habitable and Antarctica is considered inhabitable.

